



# Thwing-Albert Instrument Company

**More Than a Century of Testing Solutions**

## Heat Sealer TA4-GL/1

The CeraTek TA4-GL/1 Heat Sealer is a 4-Zone gradient hot bar laboratory heat sealer with 4 sealing zones that run along the length of the jaws.

This model features four 3" x 1" temperature zones along the length of the upper heated jaw and four 3" x 1" temperature zones along the length of the lower heated jaw. There are 4 inches between each zone to minimize the effects of heat transfer from the adjacent zones. The temperature of each of the eight zones is independently set via its own separate controller.

- Digital timer, electronically activated
- Eight dual display digital temperature controllers (Fahrenheit/centigrade switchable)
- Resettable panel mounted digital cycle counter
- Surface mounted thermocouples
- Analog pressure gauge and regulator
- Dual action cylinders
- One foot switch to activate the cycle start included
- Power requirements 110 volts, 50/60 Hz
- Unit Size (W x D x H)  
692 x 470 x 483 mm  
27.25" x 18.5" x 19"
- Base Size (W x D)  
699mm x 495mm  
27.5" x 19.5"

CE compliant. The guarding meets ANSI, OSHA and CE requirements regarding the opening in relation to any burn or pinch points.



### Operational Specifications

Timing Range: 0.01 to 99.99 seconds  
Repeat Accuracy:  $\pm 0.01\%$   $\pm 0.05$  sec max

Temperature Range:  
Ambient to 400°F

Setting & Display Accuracy:  
 $\pm 0.5\%$  full scale /  $\pm 1$  digit max

Pressure Range: 5 to 100 PSIG

Regulator Repeatability:  $\pm 3.6$  PSIG

Electrical Requirements:  
100-130 Volts A/C, 50/60 Hz, 1 Phase

Pneumatic Requirements:  
125 PSI max (air, CO<sub>2</sub> or Nitrogen)

*Specifications subject to change without notice.*

**Thwing-Albert Instrument Company**  
14 W. Collings Avenue, West Berlin, NJ 08091, USA  
tel 856-767-1000 ■ fax 856-767-2615 ■ info@thwingalbert.com

[www.thwingalbert.com](http://www.thwingalbert.com)



**An ISO 9001  
Registered Company**